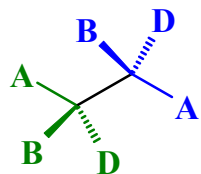


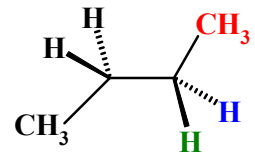
## Wykład 2 - STEREOCHEMIA ORGANICZNA S. Jarosz

Konformacje, rysowanie wzorów

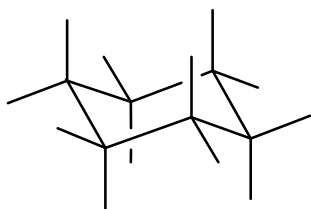


Projekcja NEWMAN'a

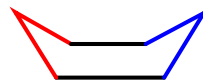
## Konformacije butanu



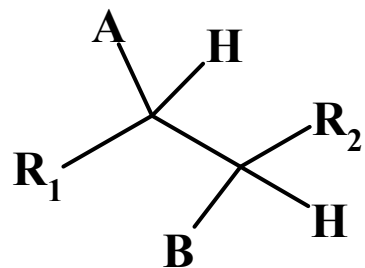
**cykloheksan**



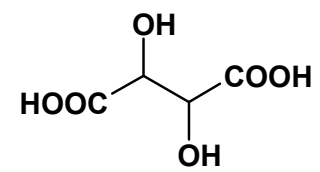
**Projekcja NEWMAN'a**

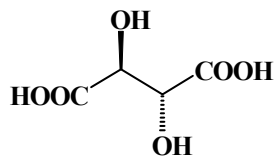
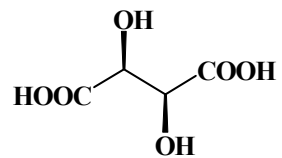
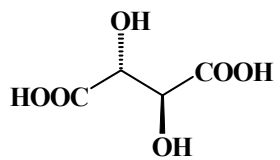
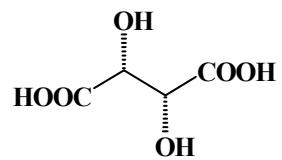


## Układy z dwoma centrami stereogenicznymi

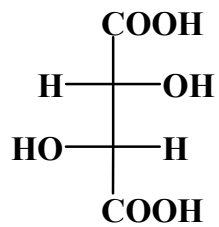


kwas winowy



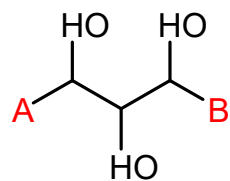


## Rysowanie „płaskie”; Krzyż Fischera



itd.

## Układy z trzema centrami

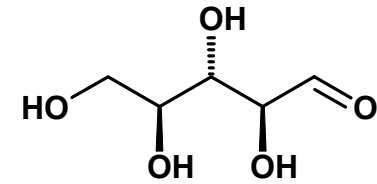
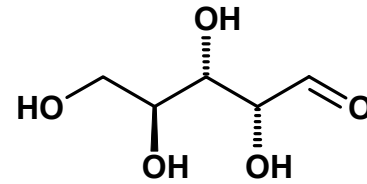
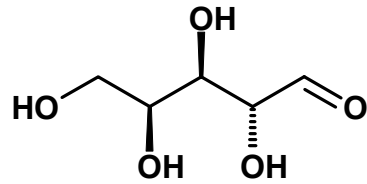
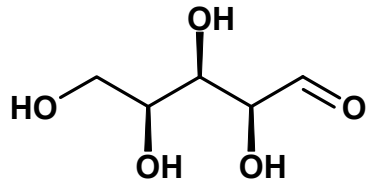
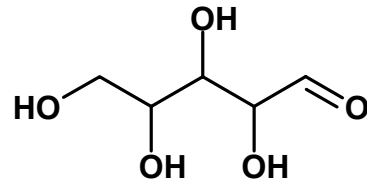


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**CUKRY (CH<sub>2</sub>O)<sub>n</sub>**

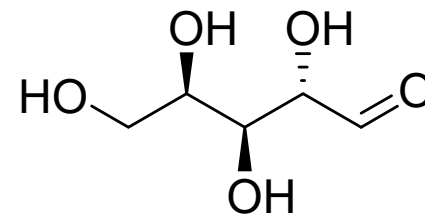
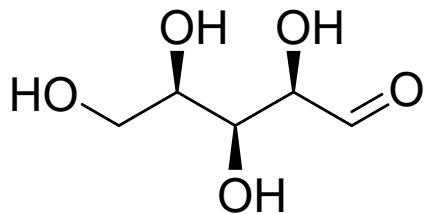
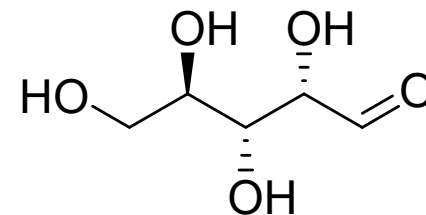
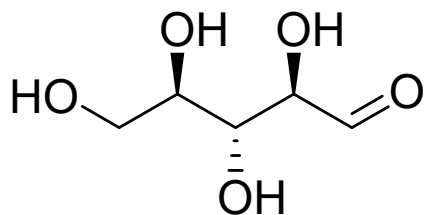
**Tetrozy, pentozy, heksozy, itd.**

# PENTOZY

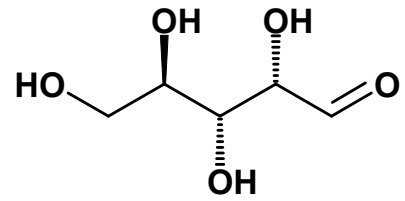




# Ryboza, Arabinoza, Ksyloza, Liksoza



**Jak ze wzorów zig-zag przejść na wzory Fischera??**



**Cukry - HEKSOZY**       **$C_6H_{12}O_6$**